Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031671.D
Acq On : 21 Dec 2017 13:32
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG122117

Manual Integrations APPROVED
Sohil
12/22/2017 12:44:02 PM

Quant Time: Dec 21 14:16:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 14:09:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	59773m	20.00	ng		0.00
21) Naphthalene-d8	11.72	136	255346	20.00	ng		0.00
38) Acenaphthene-d10	15.46	164	170685	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	417152	20.00	ng		0.00
75) Chrysene-d12	22.57	240	452738	20.00	ng		0.00
86) Perylene-d12	26.36	264	481624	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.25	112	249554	76.04	ng		0.00
7) Phenol-d6	7.93	99	329228	77.27	ng		0.00
23) Nitrobenzene-d5	10.04	82	278222	82.28	ng		0.00
41) 2,4,6-Tribromophenol	16.94	330	208403	80.02	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	1041879	76.61	ng		0.00
78) Terphenyl-d14	20.73	244	1518218	76.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	45396	37.317	ng	#	69
3) Pyridine	4.35	79	131460	40.428	ng	#	80
4) n-Nitrosodimethylamine	4.26	42	48603	37.040	ng	#	72
6) Aniline	8.13	93	206241	37.622	ng		93
8) 2-Chlorophenol	8.37	128	144061	37.844	ng		83
9) Benzaldehyde	7.93	77	101353m	39.505	ng		
10) Phenol	7.96	94	164006	38.126	ng		90
11) bis(2-Chloroethyl)ether	8.21	93	135293	37.870	ng	#	80
12) 1,3-Dichlorobenzene	8.72	146	176236m	37.280	ng		
13) 1,4-Dichlorobenzene	8.87	146	181098m	37.502	ng		
14) 1,2-Dichlorobenzene	9.20	146	172273	37.650	ng		97
15) Benzyl Alcohol	9.07	79	123751m	38.690	ng		
16) 2,2'-oxybis(1-Chloropropan	9.37	45	108250	37.208	ng		81
17) 2-Methylphenol	9.26	107	119516	38.830	ng		94
18) Hexachloroethane	9.96	117	54184	37.047	ng		90
19) n-Nitroso-di-n-propylamine	9.65	70	112779m	38.758	ng		
20) 3+4-Methylphenols	9.60	107	167892	38.380	ng		94
22) Acetophenone	9.68	105	228245	38.474	ng	#	86
24) Nitrobenzene	10.08	77	141278	40.537	ng	#	83
25) Isophorone	10.61	82	282494	38.807	ng	#	87
26) 2-Nitrophenol	10.81	139	75163	41.133	ng	#	84
27) 2,4-Dimethylphenol	10.83	122	146578	38.120	ng		90
28) bis(2-Chloroethoxy)methane	11.09	93	186342	38.150	ng	#	96
29) 2,4-Dichlorophenol	11.34	162	176551	39.111	ng		90
30) 1,2,4-Trichlorobenzene	11.58	180	210723	38.232	ng		96
31) Naphthalene	11.77	128	495032	38.414	ng		99
32) Benzoic acid	10.96	122	105348	41.267	ng	#	76
33) 4-Chloroaniline	11.86	127	217898	37.979	ng	#	91
34) Hexachlorobutadiene	12.05	225	142016	37.532	ng		97
35) Caprolactam	12.61	113	52141	38.107	ng	#	55
36) 4-Chloro-3-methylphenol	12.93	107	161600	38.762	ng	#	81
37) 2-Methylnaphthalene	13.33	142	398362	38.132	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	279814	38.920	ng	#	96
40) Hexachlorocyclopentadiene	13.66	237	153731	40.534	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.91	196	166854	40.253	ng		98
43) 2,4,5-Trichlorophenol	13.97	196	184034	40.063	ng	#	91
45) 1,1'-Biphenyl	14.31	154	570142	39.109	ng		96
46) 2-Chloronaphthalene	14.36	162	433391	38.976	ng		94
47) 2-Nitroaniline	14.54	65	82920	43.177	ng	#	68
48) Acenaphthylene	15.19	152	692511	38.928	ng		99
49) Dimethylphthalate	14.90	163	580332	38.594	ng	#	99
50) 2,6-Dinitrotoluene	15.02	165	117448	42.459	ng	#	65
51) Acenaphthene	15.53	154	455773	39.120	ng		97
52) 3-Nitroaniline	15.35	138	110528	40.955	ng	#	73
53) 2,4-Dinitrophenol	15.55	184	42984	40.721	ng	#	1
54) Dibenzofuran	15.86	168	683832	38.290	ng		97
55) 4-Nitrophenol	15.62	139	91659	41.729	ng	#	70
56) 2,4-Dinitrotoluene	15.80	165	154831	43.529	ng	#	61
57) Fluorene	16.50	166	555080	38.259	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.07	232	179004	39.940	ng	#	84
59) Diethylphthalate	16.25	149	556998	38.005	ng		96
60) 4-Chlorophenyl-phenylether	16.49	204	342018	38.528	ng		91
61) 4-Nitroaniline	16.50	138	110424	41.929	ng		81
62) Azobenzene	16.78	77	361002	38.409	ng		83
64) 4,6-Dinitro-2-methylphenol	16.55	198	79004	40.500	ng	#	71
65) n-Nitrosodiphenylamine	16.69	169	536560	38.728	ng		100
66) 4-Bromophenyl-phenylether	17.38	248	232963	38.620	ng		93
67) Hexachlorobenzene	17.50	284	242752	39.366	ng	#	88
68) Atrazine	17.62	200	209141	38.822	ng		97
69) Pentachlorophenol	17.83	266	173903	41.000	ng		99
70) Phenanthrene	18.24	178	902262	38.219	ng		99
71) Anthracene	18.34	178	911702	38.284	ng		99
72) Carbazole	18.59	167	800024	37.956	ng		99
73) Di-n-butylphthalate	19.11	149	897717	38.324	ng		99
74) Fluoranthene	20.21	202	1093892	37.764	ng		97
76) Benzidine	20.36	184	557971	39.929	ng	#	94
77) Pyrene	20.56	202	1111494	38.434	ng		98
79) Butylbenzylphthalate	21.44	149	385573	39.716	ng	#	78
80) Benzo(a)anthracene	22.54	228	1118857	38.850	ng		100
81) 3,3'-Dichlorobenzidine	22.43	252	431570	38.651	ng	#	97
82) Chrysene	22.62	228	1053231	38.652	ng		98
83) Bis(2-ethylhexyl)phthalate	22.42	149	548844	39.022	ng	#	96
84) Di-n-octyl phthalate	23.85	149	935091	39.476	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.78	276	1378042	39.420	ng	#	85
87) Benzo(b)fluoranthene	25.14	252	1166106	39.005	ng	#	97
88) Benzo(k)fluoranthene	25.22	252	1166601	38.991	ng	#	97
89) Benzo(a)pyrene	26.18	252	1114499	38.924	ng	#	98
90) Dibenzo(a,h)anthracene	30.86	278	1166119	39.434	ng	#	96
91) Benzo(g,h,i)perylene	30.78	276	1378042	39.470	ng	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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